

OIPE

Does Not Comp
Correct: 11/15/2000, 11/15/2000RAW SEQUENCE LISTING
PATENT APPLICATION US/09/676,475DATE: 10/12/2000
TIME: 18:11:03Input Set : A:\LJ4377.app
Output Set : N:\CRF3\10122000\1676475.raw

3 <110> APPLICANT: Ruoslahti, Erkki
 4 Pasqualini, Renata
 5 Kajala, Daniel
 6 <120> TITLE OF INVENTION: Methods of Identifying Lung Homing Molecules Using
 7 Membrane Dipeptidate
 8 <130> FILE REFERENCE: P-1A
 9
 10 <140> CURRENT APPLICATION NUMBER: US/09/676,475
 11 <141> CURRENT FILING DATE: 2000-09-29
 12 <150> PRIOR APPLICATION NUMBER: 09/12,107
 13 <151> PRIOR FILING DATE: 1998-03-13
 14 <160> NUMBER OF SEQ ID NOS: 102
 15 <170> SOFTWARE: PatentIn Ver. 2.0
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 13
 18 <212> TYPE: PRI
 19 <213> ORGANISM: Artificial Sequence
 20 <220> FEATURE:
 21 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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 27 <212> TYPE: PRI
 28 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
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 33 1 5
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 35 <211> LENGTH: 13
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 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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 42 1 5 10
 43 <210> SEQ ID NO: 4
 44 <211> LENGTH: 9
 45 <212> TYPE: PRI
 46 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 49 <100> SEQUENCE: 4
 50 Ser Thr Cys Glu Pro Gly Thr Cys Arg

P.5

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/676,475
 DATE: 10/12/2000
 TIME: 18:12:53

Input Set : A:\LJ4377.app
 Output Set: N:\CRF3\10122000\I676475.raw

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16 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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33 <220> FEATURE:
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57 <211> LENGTH: 7
58 <212> TYPE: PRT

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/676,475

DATE: 10/12/2000

TIME: 10:27:53

Input Set : A:\IJ4377.app

Output Set: N:\CRF3\10122000\1676475.raw

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195 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING
 PATENT APPLICATION US/09/676,475

DATE: 10/12/2000
 TIME: 18:27:53

Input Set : A:\LJ4377.app
 Output Set: N:\CRF3\10122000\I676475.raw

213 Cys Thr Leu Arg Asp Arg Asn Cys
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 210 SEQ ID NO: 16
 211 LENGTH: 9
 212 TYPE: PRT
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 214 FEATURE:
 215 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 216 SEQUENCE: 16
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 222 1 5
 220 SEQ ID NO: 17
 221 LENGTH: 23
 222 TYPE: PRT
 223 ORGANISM: Artificial Sequence
 224 FEATURE:
 225 NAME/KEY: SITE
 226 LOCATION: (1)..(16)
 227 OTHER INFORMATION: Xaa may be present or absent
 228 FEATURE:
 229 NAME/KEY: SITE
 230 LOCATION: (1)..(23)
 231 OTHER INFORMATION: Xaa may be present or absent.
 232 FEATURE:
 233 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 234 SEQUENCE: 17
 249 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Gly Phe Glu Xaa Xaa Xaa
 250 1 5 10 15
 252 Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 253 20
 250 SEQ ID NO: 18
 251 LENGTH: 7
 252 TYPE: PRT
 253 ORGANISM: Artificial Sequence
 254 FEATURE:
 255 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 256 SEQUENCE: 18
 266 Leu Cys Thr Ala Met Thr Glu
 262 1 5
 260 SEQ ID NO: 19
 261 LENGTH: 8
 262 TYPE: PRT
 263 ORGANISM: Artificial Sequence
 264 FEATURE:
 265 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 266 SEQUENCE: 19
 276 Gly Ile Ser Ala Leu Val Leu Ser
 272 1 5
 270 SEQ ID NO: 20

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/676,475

DATE: 10/12/2000
TIME: 18:27:53

Input Set: A:\LJ4377.app
Output Set: N:\CRF3\10122000\I676475.raw

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283 <211> LENGTH: 8
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337 <223> OTHER INFORMATION: Unsure
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340 <221> NAME/KEY: UNSURE
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342 <223> OTHER INFORMATION: Unsure
344 <100> SEQUENCE: 23
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346 1
349 <210> SEQ ID NO: 24
350 <211> LENGTH: 2

```

Cys is at location 8. Do you mean 9?

FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION US/09/676,475

DATE: 10/12/2009

TIME: 18:29:24

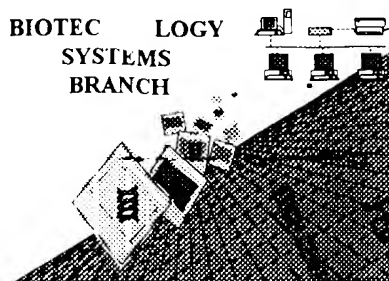
Input Set A:\LJ4377.app

Output Set: N:\CRF3\10122000\I676475.raw

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L:11 M:0 G: Current Application Number differs. Replaced Application Number
L:13 M:1 G: Current Filing Date differs. Replaced Current Filing Date
L:218 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=17
L:259 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=17
L:346 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:368 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:391 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:409 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:458 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:470 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:488 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=18
L:1165 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=342
L:1581 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=345
L:1982 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=368
L:1889 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=367
L:1919 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=372
L:1537 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=401
L:1573 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=431
L:15731 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=431
L:1575 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=432
L:15760 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=432
L:157798 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=433
L:15801 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=434
L:1581 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=434
L:15815 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=436
L:15815 M:1 W: (16) "n" or "Naa" used. for SEQ ID#=436
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RAW SEQUENCE LISTING ERROR REPORT

BIOTEC LOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/676,475

Source: OIPF

Date Processed by STIC: 10/12/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin30help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1641 0500

RECEIVED
1600

#2
P/Mark
2/9/9